

How to change ignition coil on Opel Meriva X03 – replacement guide

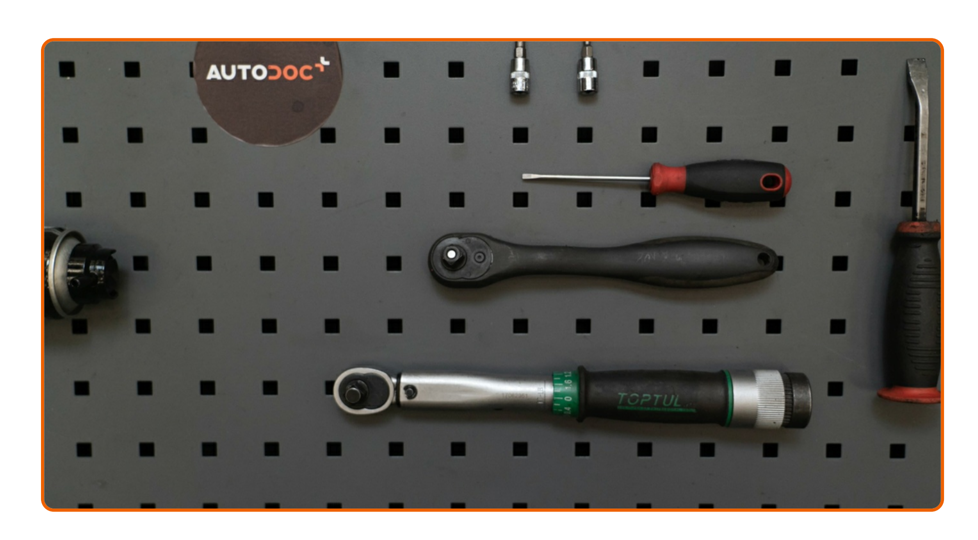
 VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
OPEL ASTRA G Convertible (T98) 1.6 16V (F67), OPEL ASTRA G Coupe (T98) 1.6 16V (F07), OPEL ASTRA G Estate (T98) 1.6 16V (F35), OPEL ASTRA G Hatchback (T98) 1.6 16V (F08, F48), OPEL ASTRA G Hatchback (T98) 1.6 LPG (F08, F48), OPEL ASTRA G Saloon (T98) 1.6 16V (F69), OPEL ASTRA G Saloon (T98) 1.6 LPG (F69), OPEL MERIVA A MPV (X03) 1.6 16V (E75), OPEL VECTRA B (J96) 1.6 i 16V (F19), OPEL VECTRA B Estate (J96) 1.6 i 16V (F35), OPEL VECTRA B Hatchback (J96) 1.6 i 16V (F68), OPEL VECTRA C (Z02) 1.6 16V (F69), OPEL VECTRA C Estate (Z02) 1.6 16V (F35), OPEL VECTRA C GTS (Z02) 1.6 (F68), OPEL ZAFIRA A MPV (T98) 1.6 16V (F75)

The steps may slightly vary depending on the car design.

REPLACEMENT: IGNITION COIL – OPEL MERIVA X03. TOOLS YOU'LL NEED:



- Electronic spray
- Torque wrench
- Torx bit T20
- Torx bit T30
- Ratchet wrench
- Flat Screwdriver
- Crow bar
- Microfibre towel
- Fender cover

Replacement: ignition coil – Opel Meriva X03. AUTODOC experts recommend:

- The replacement procedure is the same for the ignition coils of all cylinders.
- Please note: all work on the car – Opel Meriva X03 – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1



Open the hood.

2



Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

3



Unscrew the fasteners of the air distribution housing assembly. Use Torx T20.

4



Remove the air distribution housing assembly.

5



Unscrew the engine cover fastener. Use Torx T30. Use a ratchet wrench.

6



Unscrew the oil filler plug.

7

Remove the oil filler cap.

8



Cover the oil filler opening with a microfibre towel to prevent dirt and foreign objects from getting into the system.

9



Remove the engine cover.

AUTODOC recommends:

- Replacement: ignition coil – Opel Meriva X03. Do not use excessive force when removing the part as this may damage it.

10



Remove the microfibre towel from the oil filler opening.

11



Install the oil filler cap.

12



Clean the ignition coil bolts.

13



Detach the connector from the ignition coil. Use a flat screwdriver.

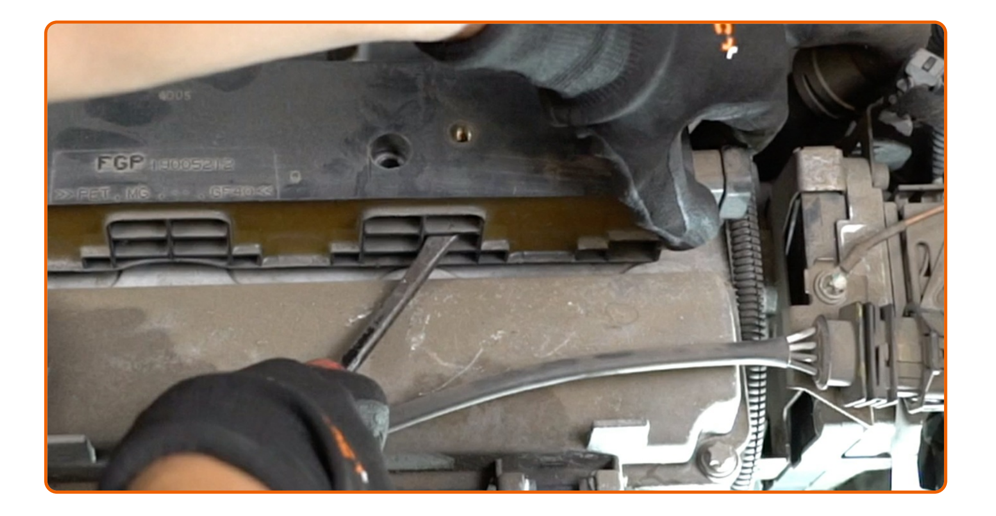


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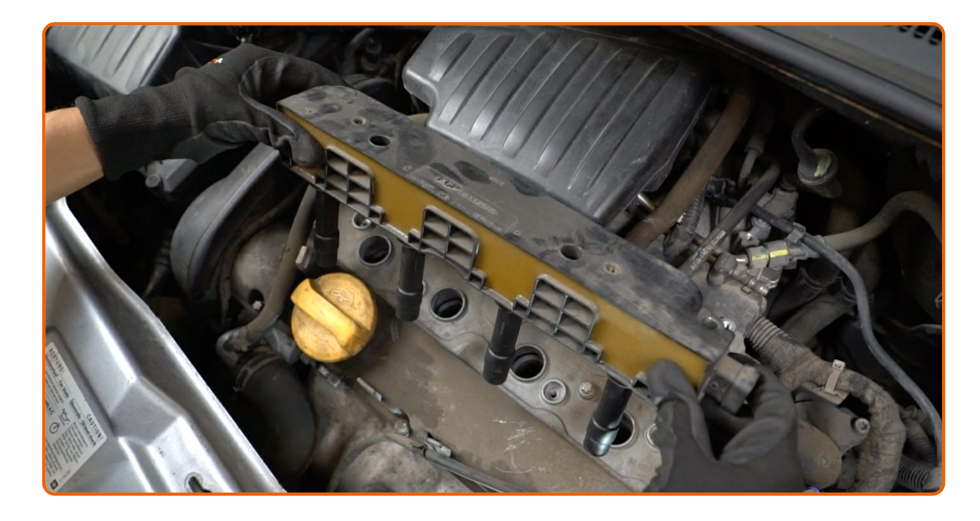
Unscrew the ignition coil bolts. Use Torx T30. Use a ratchet wrench.

15



Pry up the ignition coil. Use a crowbar.

16



Take out the ignition coil from the spark plug well.

17



Clean dirt, dust and debris from inside the spark plug wells.

18



Install the new ignition coil to the spark plug well. Make sure you hear a click indicating that it is locked in place.

19



Tighten the ignition coil bolts. Use Torx T30. Use a torque wrench. Tighten it to 7 nm torque.

20



Treat the ignition coil connector with electronic spray. The spray will protect the electrical contacts from corrosion, oxidation, and will reduce the contact resistance.

21



Plug in the ignition coil connector. Make sure you hear a click indicating that it is locked in place.

22

Remove the oil filler cap.

23

Cover the oil filler opening with a microfibre towel to prevent dirt and foreign objects from getting into the system.

24



Install the engine cover and secure it.

Replacement: ignition coil – Opel Meriva X03. AUTODOC experts recommend:

- Make sure the engine cover is properly seated. It should not be displaced with respect to the guiding fasteners.
- When installing, do not use excessive force to avoid damage to the part.

25



Screw in the engine cover fasteners. Use Torx T30. Use a ratchet wrench.

26



Remove the microfibre towel from the oil filler opening.

27



Install the oil filler cap.

28

Tighten the oil filler cap.

29



Reinstall the air distribution housing assembly.

30



Screw in the fasteners of the air distribution housing assembly. Use Torx T20.

31



Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.

32

Shut off the engine.

33



Remove the fender protection cover.

34



Close the hood.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO



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